



## FDOTC3D2018 Maintenance Release 1 (MR1)

FDOTC3D2018 MR1 contains updates necessitated by changes to Design Standards, Plans Preparation Manual (PPM), and the Basis of Estimates (BOE) as well as bug fixes to address.

<ul style="list-style-type: none"> <li>Revisions per FDOT Design Bulletin.</li> </ul>
<ul style="list-style-type: none"> <li>Added Pullbox Existing, SHStrainPoleSchedule, SHPoleDataLegend and SHMastArmTabulation blocks to the FDOT Traffic/Signal Block Tool Palette.</li> </ul>
<ul style="list-style-type: none"> <li>Update Templates to latest FDOT Standards.</li> </ul>
<ul style="list-style-type: none"> <li>Fixed FDM superelevation transition methodology. Added criteria for shared use paths. Added design checks for shared use paths' alignment and profiles.</li> </ul>
<b>FDOT Signs application:</b> <ul style="list-style-type: none"> <li>Added relative rotation.</li> <li>Fixed copy station precision.</li> </ul>
<b>CAiCE -Added Themes for Geometry Chains and Alignments:</b> <ul style="list-style-type: none"> <li>Added BLF (Baseline Field) to Topography list, Add LOC (Limits of Construction to Control Survey list.</li> <li>Added BLF (Baseline Field) Code.</li> <li>Added LOC (Limits of Construction), and revised to show BL as Baseline Survey and BLF as Baseline Field.</li> <li>Added features for Geometry Chains (Right of Way and Baseline elements).</li> <li>Updated Topography and Utilities theme.</li> </ul>
<ul style="list-style-type: none"> <li>AECMERGE and Entity Manager Pay Item Database - Updated as per BOE Database, AEC Items Data modified and GEOPAK Database modified.</li> </ul>
<b>FDOTMASTER.dwt:</b> <ul style="list-style-type: none"> <li>Updated for FDM Design checks.</li> <li>Deleted Description keys, point label styles, and blocks that went with them.</li> <li>Changed all note label styles to rotate by view instead of object.</li> <li>Updated with Green Book changes.</li> <li>Removed extra unused design checks sets.</li> <li>Changed FDOT RW Existing &amp; FDOT RW Proposed Alignment Styles "Display" layers to BaselineSurvey (They were erroneously set to RW Line layers).</li> <li>Remove Markers from FDOT Existing Alignment Style.</li> <li>Added SUP design checks sets.</li> <li>Added Project Control View Frames.</li> <li>Added Traffic Control General Notes.</li> <li>Added Rotate Structure Rule to FDOT Rule Set. LandXMLGrouper - Added BLF (Baseline Field) and LOC (Limits of Construction) to Control Survey Group.</li> <li>Added "FDOT Lighting Project Limits" Label Style.</li> </ul>

FDOTGreenbook\_2016 – Updated with Green Book 2016 design criteria.

SURVEY.dwt:

- Added ConstLimits (Limits of Construction (LOC)) Layer.
- Added BaselineSurvey and ConstLimits to SURVRD and Control Survey layer filters.
- Update line types. Apply RW-LimitsofConst line type to ConstLimist layer.
- Add BLF, BLSS to Description Keys and set Marker to SURVPN-CROSS.
- Updated Description keys
- Add “\_No Feature” point group.
- Set Point Settings Default label style to "Survey Display All" 0.2 Text Ht.
- Structures Palette – Updated Images and names to match new Index Naming convention.
- Create File Application - Fixed history storage problem where you couldn't back up a folder structure once you selected a sub-folder.
- Updated FDOT Contacts Information.
- FDOT OffsetInXref - Fixed offset tool to handle xref items with EntityManager data
- FDOT Curb and Gutter Subassembly - Added Super Elevation option to handle not being able to pass adjacent lane slope to curb inserted by "back of curb".
- Pavement Marking Tool – Added search feature to payitem database window. Updated copyright number.

DrawBlockGroupTool:

- Added – Pickstyle Toggle
- Enhancement - retain buffer distance and increment between reference entity selections.
- Enhancement - default the associate alignment dropdown to "none" unless the user picks and alignment then sets the associate alignment to the picked alignment, added search function to block selection window.
- Resolved issue if no search results are return, when searching for blocks in payitem window.
- FDOT Curb and Gutter Subassembly - Added Super Elevation option to handle not being able to pass adjacent lane slope to curb inserted by "back of curb".
- PavemarkingTool – Added search feature to pay item database window.
- ROW.dwg – Correct layers to MONRD & MONRDS.
- SYENG.dwg, RWENG.dwg - Change MON units from Feet to Unitless.
- FDOT Median Subassembly – Added Median Single Slope Heel and Toe Barriers, removed old subassembly. removed old Standard Index Numbers.
- Take Off Manager – Added Quantity by Sheets Module.

FDOT Existing Lane Slope Subassembly:

- Report was not being generated if the last frequency station did not process because odd/zero pavement structures found.
- Moved code outside drawing code to process no matter status of last frequency station.
- Updated existing slope report page for Insertion point processing & output precision.
- Added parameter for decimal precision in output
- Changed PavtAsphlt\_ep layer to PavtAsph
- FDOT Subassembly Help File Documentation – Changed Standards numbers to new numbers.

<ul style="list-style-type: none"> <li>• FDOT Pipe Network Rule – Added option for Offsetting Structure from Polyline and Polyline 2D.</li> </ul>
<ul style="list-style-type: none"> <li>• FDOT Existing Features Subassembly – Changed existing Fence layer from Fence_ex to Fence_ep.</li> </ul>
<ul style="list-style-type: none"> <li>• FDOT Curb and Gutter Subassembly - Added Super Elevation option to handle not being able to pass adjacent lane slope to curb inserted by "back of curb".</li> </ul>
<ul style="list-style-type: none"> <li>• FDOT Driveway Subassembly – Corrected the Slab 2 slope issue. The slope for slab 2 is now adjustable and defined by a parameter.</li> </ul>
<ul style="list-style-type: none"> <li>• FDOT Median Barrier Single Slope Toe Footing Subassembly – Added to State kit.</li> </ul>
<ul style="list-style-type: none"> <li>• FDOT Median Barrier Single Slope Heel Footing Subassembly – Added to State kit.</li> </ul>